

What Is Claimed Is:

5 1. An apparatus for fixing a ligament or tendon in a bone tunnel comprising a jamming retainer adapted to retain the ligament or tendon, said jamming retainer being substantially rigid.

10 2. The apparatus of claim 1, wherein said jamming retainer is fixable in a bone tunnel with an interference screw.

15 3. The apparatus of claim 1, said jamming retainer having one or more of a longitudinal bore, a transverse bore or a ring for receiving a suture.

20 4. The apparatus of claim 1, said jamming retainer including a loop for receiving a ligament or tendon.

5. The apparatus of claim 4, wherein said loop is pliable.

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6. The apparatus of claim 1, said jamming retainer having a transverse bore for receiving a ligament or tendon.

5 7. The apparatus of claim 1, wherein said jamming retainer has a spherical shape.

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10 8. The apparatus of claim 1, said jamming retainer having a recess adapted to complement a shape of the ligament or tendon.

9. The apparatus of claim 1, said jamming retainer having exterior threads.

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15 10. The apparatus of claim 9, wherein said threads correspond to threads of an interference screw adapted to fix said jamming retainer in the bone tunnel.

20 11. The apparatus of claim 1, said jamming retainer defining an external taper.

5 957 12. The apparatus of claim 1, said jamming retainer having a bore configured to receive a suture retainer.

5 13. The apparatus of claim 12, said suture retainer having a shape complementary to said bore.

10 14. The apparatus of claim 13, said shape being tapered.

15 15. The apparatus of claim 12, said suture retainer and said bore being configured to bind suture received therebetween.

15 967 16. The apparatus of claim 15, said body having a second bore adapted to permit passage of suture from said bore.

20 17. The apparatus of claim 12, wherein:
the suture received between said suture retainer and said bore retains the ligament or tendon; and
said body is fixed in the bone tunnel;

whereby tension on the ligament or tendon urges
said suture retainer into said bore.

5 18. A method for fixing a ligament or a tendon in
a bone tunnel comprising:

retaining the ligament or tendon with a jamming
retainer; and

10 securing the jamming retainer in the bone tunnel
whereby substantial proximal migration of the jamming
retainer is prohibited.

15 19. The method of claim 18, further comprising
pulling the jamming retainer through the bone tunnel
with a suture.

20 20. The method of claim 18, further comprising
pushing the jamming retainer through the bone tunnel
with a ligament inserter.

21. The method of claim 18, including:
connecting the ligament or tendon to the jamming
retainer with a suture; and

knotting the suture.

22. The method of claim 18, further comprising pulling the jamming retainer through the bone tunnel with one or more free ends of the suture.

23. The method of claim 18, including introducing the ligament or tendon into a loop or transverse bore in the jamming retainer.

24. The method of claim 18, including introducing an interference screw into the bone tunnel, the interference screw being configured to prohibit passage of the jamming retainer from the bone tunnel.

25. The method of claim 25, wherein the interference screw encroaches the wall of the bone tunnel.

26. The method of claim 25, said interference screw engaging the jamming retainer.

27. The method of claim 25, said interference screw threadingly engaging the jamming retainer.

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28. The method of claim 25, said interference screw urging the jamming retainer into the wall of the bone tunnel.

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